



Docket No.: 7853-178-999
Serial No.: 09/503,387
Inventor(s): BUSFIELD ET AL.
Title: "GLYCOPROTEIN VI AND USES THEREOF"

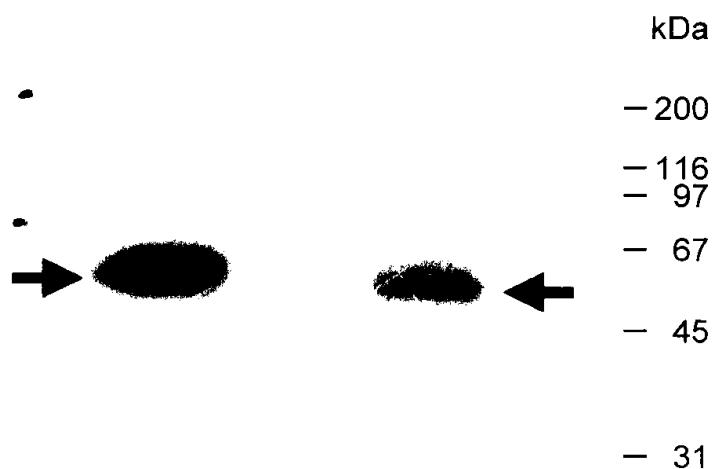


FIG. 12

BEST AVAILABLE COPY

Docket No.: 7853-178-999
Serial No.: 09/503,387
Inventor(s): BUSFIELD ET AL.
Title: "GLYCOPROTEIN VI AND USES THEREOF"

j1032 U.S. PTO



09/26/02



FIG.13A

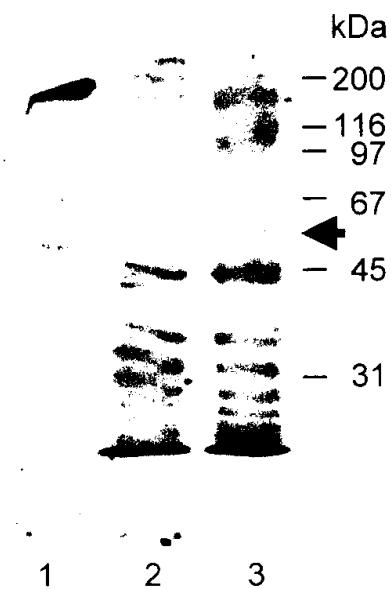


FIG.13B

BEST AVAILABLE COPY

J1032 U.S. PTO



09/26/02

Docket No.: 7853-178-999
Serial No.: 09/503,387
Inventor(s): BUSFIELD ET AL
Title: "GLYCOPROTEIN VI AND USES THEREOF"



FIG. 14A

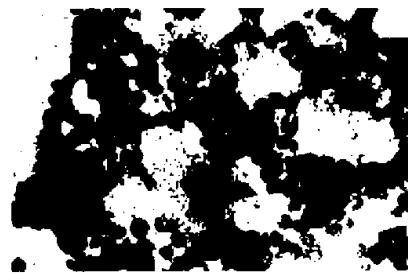


FIG. 14B

BEST AVAILABLE COPY

J1032 U.S. PTO



09/26/02

Docket No.: 7853-178-999
Serial No.: 09/503,387
Inventor(s): BUSFIELD ET AL.
Title: "GLYCOPROTEIN VI AND USES THEREOF"

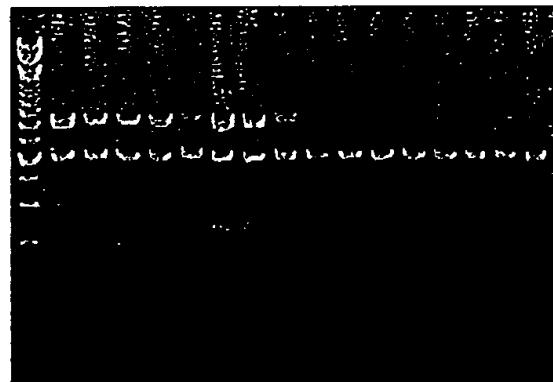


FIG.14C

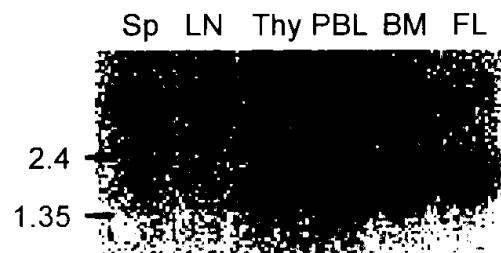
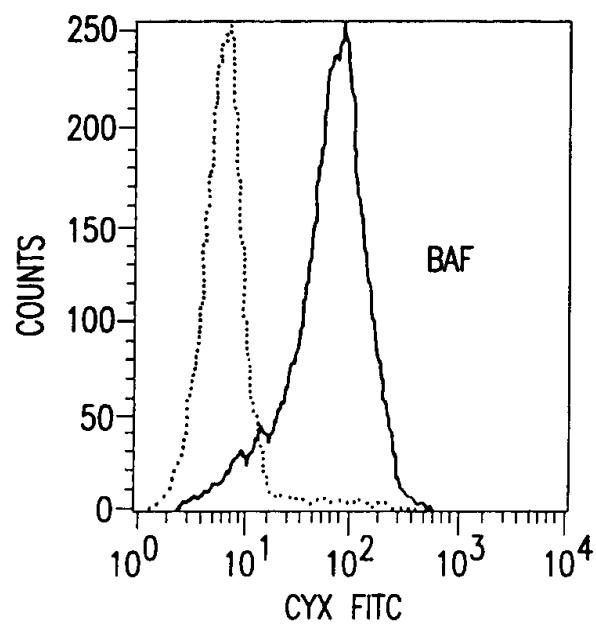
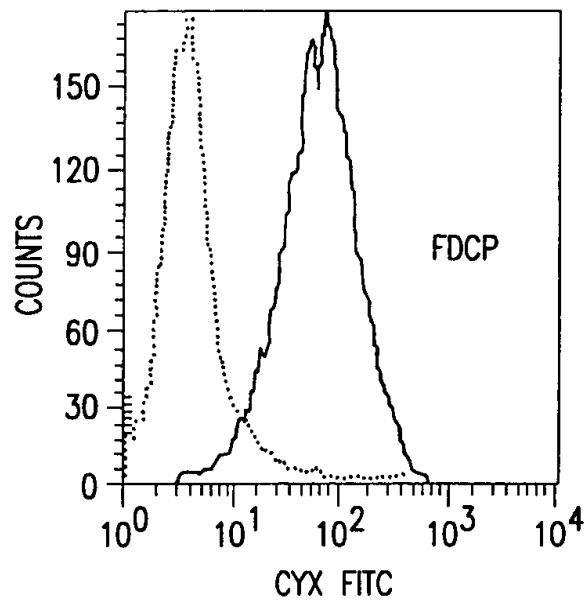


FIG.14D

BEST AVAILABLE COPY



Docket No.: 7853-178-999
Serial No.: 09/503,387
Inventor(s): BUSFIELD ET AL.
Title: "GLYCOPROTEIN VI AND USES THEREOF"



BEST AVAILABLE COPY



Docket No.: 7853-178-999
Serial No.: 09/503,387
Inventor(s): BUSFIELD ET AL.
Title: "GLYCOPROTEIN VI AND USES THEREOF"

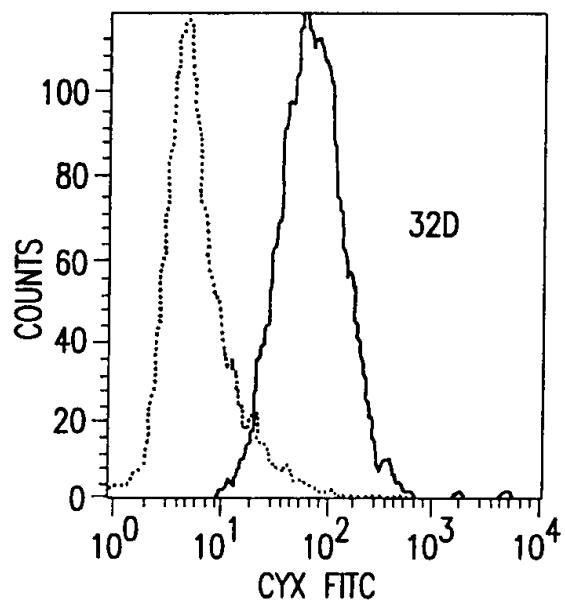


FIG. 15C

BEST AVAILABLE COPY

Docket No.: 7853-178-999
Serial No.: 09/503,387
Inventor(s): BUSFIELD ET AL.
Title: "GLYCOPROTEIN VI AND USES THEREOF"

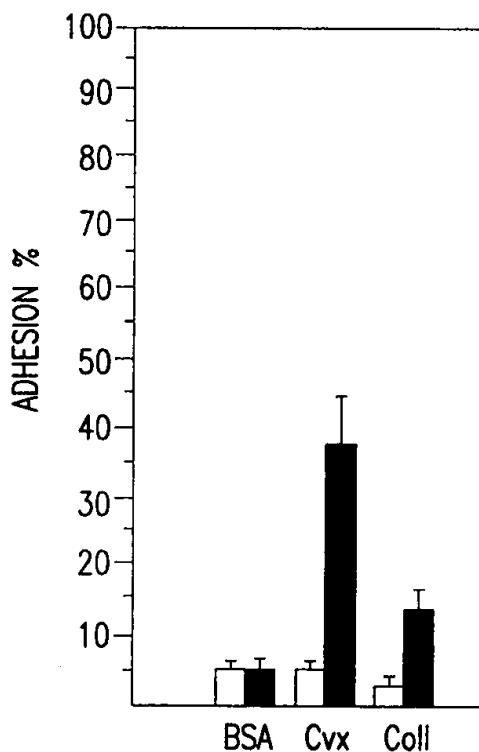


FIG.16A

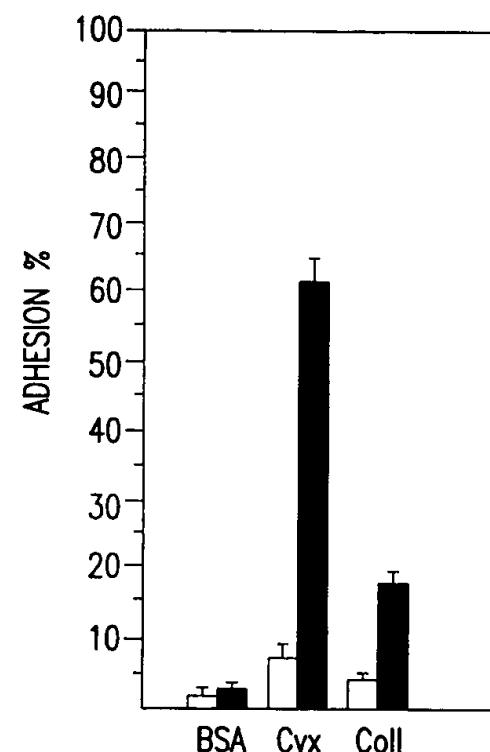


FIG.16B

Docket No.: 7853-178-999
Serial No.: 09/503,387
Inventor(s): BUSFIELD ET AL.
Title: "GLYCOPROTEIN VI AND USES THEREOF"

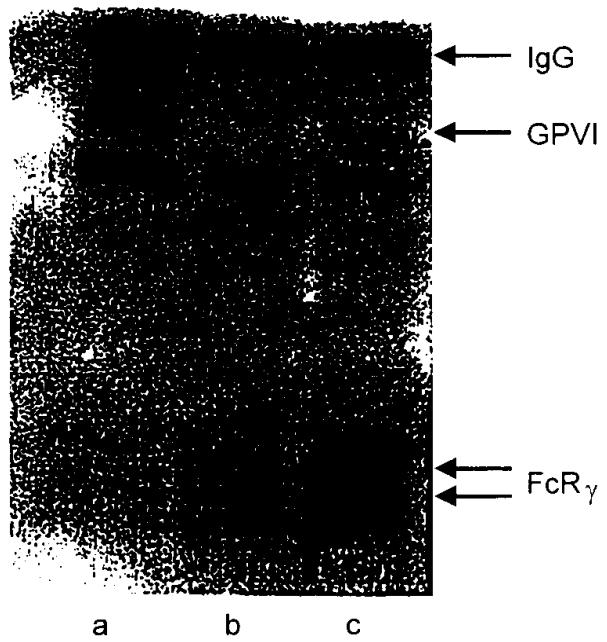


FIG. 17

BEST AVAILABLE COPY



Docket No.: 7853-178-999
Serial No.: 09/503,387
Inventor(s): BUSFIELD ET AL.
Title: "GLYCOPROTEIN VI AND USES THEREOF"

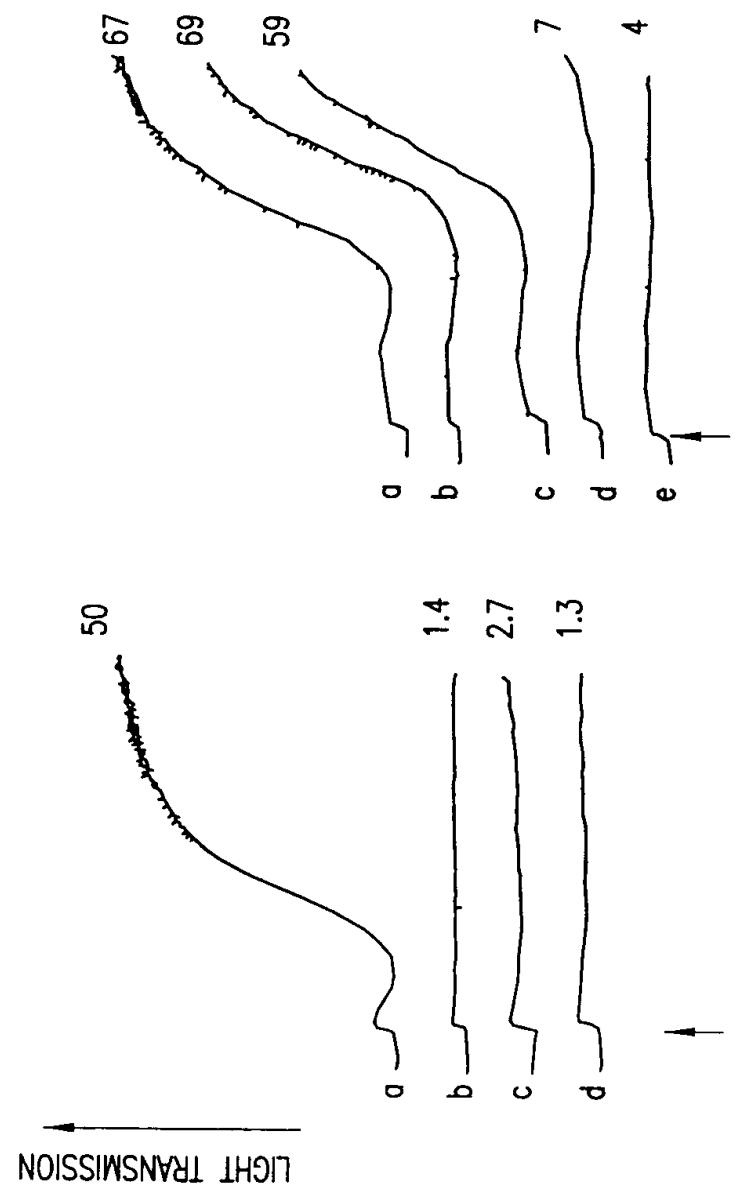


FIG. 18A

FIG. 18B

BEST AVAILABLE COPY

Docket No.: 7853-178-999
Serial No.: 09/503,387
Inventor(s): BUSFIELD ET AL.
Title: "GLYCOPROTEIN VI AND USES THEREOF"

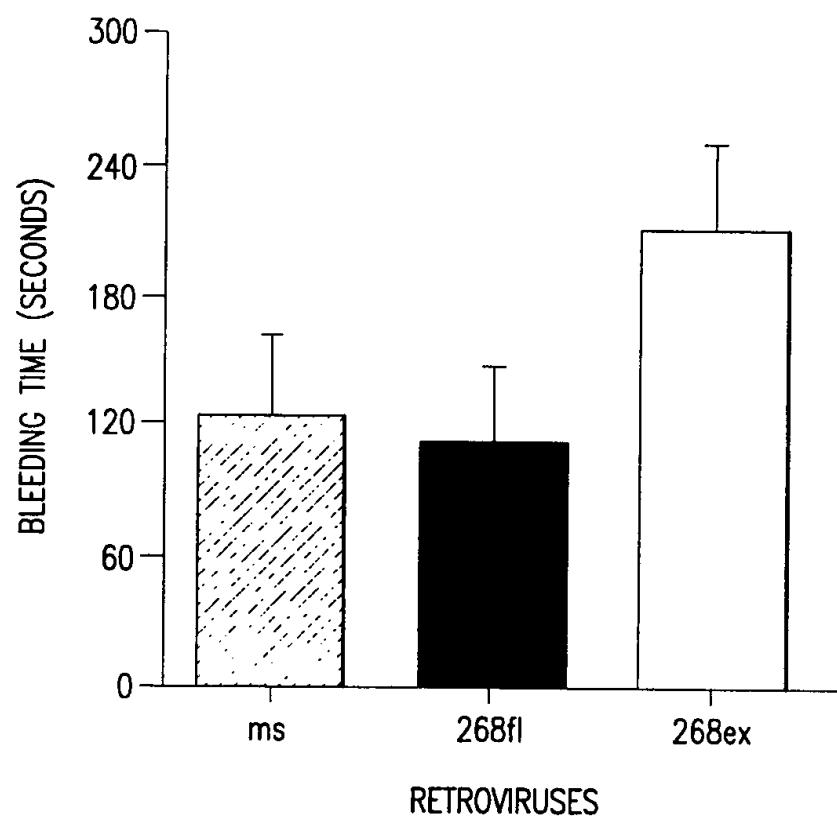


FIG.19

BEST AVAILABLE COPY

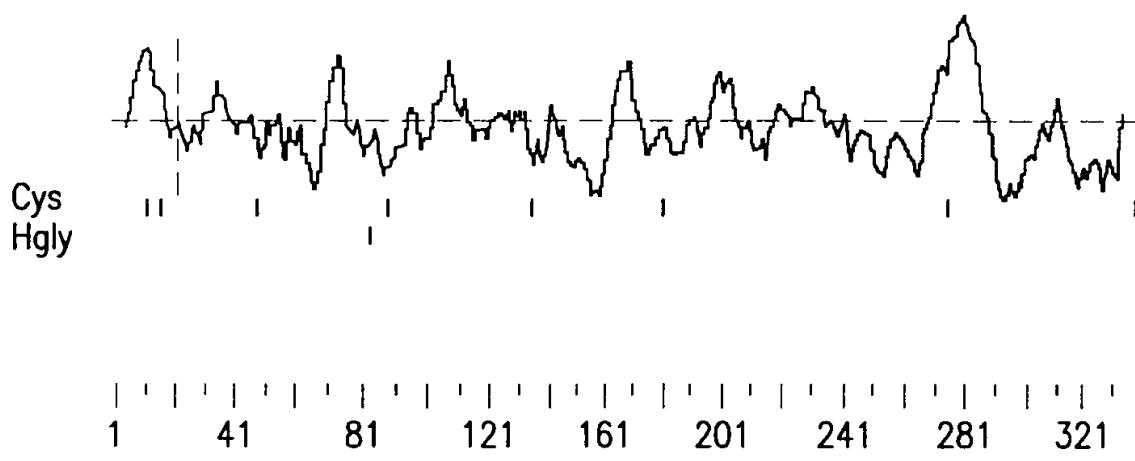
	M	S	P	S	P	T	A	L	F	C	L	11								
GGAGTCGACCCACGCGTCCGCAGGGCTGAGGAACC	ATG	TCT	CCA	TCC	CCG	ACC	GCC	CTC	TTC	TGT	CTT	68								
G	L	C	L	G	R	V	P	A	Q	S	G	P	L	P	K	P	S	L	Q	31
GGG	CTG	TGT	CTG	GGG	CGT	GTG	CCA	GCG	CAG	AGT	GGA	CCG	CTC	CCC	AAG	CCC	TCC	CTC	CAG	128
A	L	P	S	S	L	V	P	L	E	K	P	V	T	L	R	C	Q	G	P	51
GCT	CTG	CCC	AGC	TCC	CTG	GTG	CCC	CTG	GAG	AAG	CCA	GTG	ACC	CTC	CGG	TGC	CAG	GGA	CCT	188
P	G	V	D	L	Y	R	L	E	K	L	S	S	S	R	Y	Q	D	Q	A	71
CCG	GGC	GTG	GAC	CTG	TAC	CGC	CTG	GAG	AAG	CTG	AGT	TCC	AGC	AGG	TAC	CAG	GAT	CAG	GCA	248
V	L	F	I	P	A	M	K	R	S	L	A	G	R	Y	R	C	S	Y	Q	91
GTC	CTC	TTC	ATC	CCG	GCC	ATG	AAG	AGA	AGT	CTG	GCT	GGA	CGC	TAC	CGC	TGC	TCC	TAC	CAG	308
N	G	S	L	W	S	L	P	S	D	Q	L	E	L	V	A	T	G	V	F	111
AAC	GGA	AGC	CTC	TGG	TCC	CTG	CCC	AGC	GAC	CAG	CTG	GAG	CTC	GTT	GCC	ACG	GGA	GTT	TTT	368
A	K	P	S	L	S	A	Q	P	G	P	A	V	S	S	G	G	D	V	T	131
GCC	AAA	CCC	TCG	CTC	TCA	GCC	CAG	CCC	GGC	CCG	GCG	GTG	TCG	TCA	GGA	GGG	GAC	GTA	ACC	428
L	Q	C	Q	T	R	Y	G	F	D	Q	F	A	L	Y	K	E	G	D	P	151
CTA	CAG	TGT	CAG	ACT	CGG	TAT	GGC	TTT	GAC	CAA	TTT	GCT	CTG	TAC	AAG	GAA	GGG	GAC	CCT	488
A	P	Y	K	N	P	E	R	W	Y	R	A	S	F	P	I	I	T	V	T	171
GCG	CCC	TAC	AAG	AAT	CCC	GAG	AGA	TGG	TAC	CGG	GCT	AGT	TTC	CCC	ATC	ATC	ACG	GTG	ACC	548
A	A	H	S	G	T	Y	R	C	Y	S	F	S	S	R	D	P	Y	L	W	191
GCC	GCC	CAC	AGC	GGA	ACC	TAC	CGA	TGC	TAC	AGC	TTC	TCC	AGC	AGG	GAC	CCA	TAC	CTG	TGG	608
S	A	P	S	D	P	L	E	L	V	V	T	G	T	S	V	T	P	S	R	211
TCG	GCC	CCC	AGC	GAC	CCC	CTG	GAG	CTT	GTG	GTC	ACA	GGA	ACC	TCT	GTG	ACC	CCC	AGC	CGG	668
L	P	T	E	P	P	S	S	V	A	E	F	S	E	A	T	A	E	L	T	231
TTA	CCA	ACA	GAA	CCA	CCT	TCC	TCG	GTA	GCA	GAA	TTC	TCA	GAA	GCC	ACC	GCT	GAA	CTG	ACC	728
V	S	F	T	N	K	V	F	T	T	E	T	S	R	S	I	T	T	S	P	251
GTC	TCA	TTC	ACA	AAC	AAA	GTC	TTC	ACA	ACT	GAG	ACT	TCT	AGG	AGT	ATC	ACC	ACC	AGT	CCA	788
K	E	S	D	S	P	A	G	P	A	R	Q	Y	Y	T	K	G	N	L	V	271
AAG	GAG	TCA	GAC	TCT	CCA	GCT	GGT	CCT	GCC	CGC	CAG	TAC	TAC	ACC	AAG	GGC	AAC	CTG	GTC	848
R	I	C	L	G	A	V	I	L	I	I	L	A	G	F	L	A	E	D	W	291
CGG	ATA	TGC	CTC	GGG	GCT	GTG	ATC	CTA	ATA	ATC	CTG	GCG	GGG	TTT	CTG	GCA	GAG	GAC	TGG	908
H	S	R	R	K	R	L	R	H	R	G	R	A	V	Q	R	P	L	P	P	311
CAC	AGC	CGG	AGG	AAG	CGC	CTG	CGG	CAC	AGG	GGC	AGG	GCT	GTG	CAG	AGG	CCG	CTT	CCG	CCC	968

FIG.1A



L	P	P	L	P	Q	T	R	K	S	H	G	G	Q	D	G	G	R	Q	D	331
CTG	CCG	CCC	CTC	CCG	CAG	ACC	CGG	AAA	TCA	CAC	GGG	GGT	CAG	GAT	GGA	GGC	CGA	CAG	GAT	1028
V	H	S	R	G	L	C	S	*												340
GTT	CAC	AGC	CGC	GGG	TTA	TGT	TCA	TGA												1055
CCGCTGAACCCCAGGCACGGTCGTATCCAAGGGAGGGATCATGGCATGGGAGGGCGACTCAAAGACTGGCGTGTGGAG 1134																				
CGTGGAAAGCAGGAGGGCAGAGGCTACAGCTGTGGAAACGAGGCCATGCTGCCCTCCTGGTGTCCATCAGGGAGCCG 1213																				
TTCGGCCAGTGTCTGTCTGTCTGCCTCTGTCTGAGGGCACCCCTCATTGGATGGAAGGAATCTGTGGAGAC 1292																				
CCCATCCTCCCTGCACACTGTGGATGACATGGTACCCCTGGCTGGACCACATACTGGCCTCTTCTTCAACCTCTCT 1371																				
AATATGGGCTCCAGACGGATCTCTAAGGTTCCAGCTCTCAGGGTTGACTCTGTTCCATCCTCTGTGCAAAATCCTCCT 1450																				
GTGCTTCCCTTGCCCTCTGTGCTCTGGTTCCATCCTCTGTGCAAAATCCTCCT 1529																				
TAACAAATCTCCTTCGTCAGAACGGCTTGCAAGGCAGTTGGGTATGTCATTCACTTCTTAGTGTAAAATCT 1608																				
AGCACGTTGCCGCTCCCTCACATTAGAAAACAAGATCAGCCTGTGCAACATGGTAAACCTCATCTTACCAACAA 1687																				
AACAAAAAAACACAAAAATTAGCCAGGTGTGGTGGTCATCCCTATACTCCCAGCAACTGGGGGGCTGAGGTGGAGA 1766																				
ATGGCTTGAGCCTGGGAGGCAGAGGTTGCAGTGAGCTGAGATCACACCACTGCACTCTAGCTGGGTGACGAAGCCTGA 1845																				
CCTTGTCTAAAAAATACAGGGATGAATATGTCATTACCCCTGATTGATCATAGCACGTTGTATACATGTACTGCAAT 1924																				
ATTGCTGTCCACCCATAAATATGTCATAATTGATACATTAAAATCATAAAATAAGATAATGAAAAAAA 2003																				
AAAAAAAAAAAAAGGGGGGGCGCTAGACTAGTCTAGAGAACAA 2047																				

FIG. 1B



MSPSPTALFCGLCLGRVPAQSGPLPKPSLQALPSSLVPLEKPVTLRCQGPPGVDLYRLE
KLSSSRYQQAVLFIPAMKRSLAGRYRCSYQNGSLWSLPSDQLELVATGVFAKPSLSAQPG
GPAVSSGGDVTLQCQTRYGFDQFALYKEGDPAPYKNPERWYRASFPIITVTAHSGTYRC
YSFSSRDPYLWSAPSDPLELVVTGTSVTPSRLPTEPPSSVAEFSSEATAELTVSFTNKVFT
TETSRSTITSPKESDSPAGPARQYYTKGNLVRICLGAVILILLAGFLAEDWHSRRKRLRH
RGRAVQRPLPPLPPLPQTRKSHGGQDGGRQDVHSRGLCS

FIG.2



Docket No.: 7853-178-999
Serial No.: 09/503,387
Inventor(s): BUSFIELD ET AL.
Title: "GLYCOPROTEIN VI AND USES THEREOF"

FIG.3A



Docket No.: 7853-178-999
Serial No.: 09/503,387
Inventor(s): BUSFIELD ET AL.
Title: "GLYCOPROTEIN VI AND USES THEREOF"

560 570 580 590 600 610 620
 inputs GAACCCCCAGCCACAGGTGGAGGTTACATGCTATTACTATTATGAACACCCCCCAGGTGTGGTCCAC
 :::: ::::: ::::: ::::: ::::: ::::: :::
 GAATCCCGA-----GAGATGGTAC-CGGGCTAGT-----TT-----CCCCAT-----CAT
 470 480 490 500

630 640 650 660 670 680 690
 inputs CCCAGTGACCCCCCTGGAGATTCTGCCCTCAGGCCTGTCTAGGAAGGCCCTCCCTGACCTGCAGGGCC
 ::::: ::::: ::::: :::
 CACGGTGACCGCC-----GCCACAG-----
 510 520

700 710 720 730 740 750 760
 inputs CTGTCCTGGCCCCCTGGGCAGAGCCTGACCCCTCCAGTGTGGCTCTGATGTCGGCTACGACAGATTGTTCT
 ::::: ::::: ::::: :::
 CGGAACCTA-----CCGATG-----CTACAGC-----TTCT
 530 540 550

770 780 790 800 810 820 830
 inputs GTATAAGGAGGGGGAACGTGACTTCCTCCAGCGCCCTGGCCAGCAGCCCCAGGCTGGCTCTCCAGGCC
 ::::: ::::: ::::: :::
 CCAGCAG-----
 560

840 850 860 870 880 890 900
 inputs AACTTCACCCCTGGGCCCTGTGAGCCCCCTCCACGGGGGCCAGTACAGGTGCTATGGTCACACAACCTCT
 ::::: ::::: ::::: :::
 GGACCCA-----TACCT-----
 560

910 920 930 940 950 960 970
 inputs CCTCCGAGTGGTCGGCCCCCAGCGACCCCTGAACATCCTGATGGCAGGACAGATCTATGACACCGTCTC
 ::::: ::::: ::::: :::
 GTGGTCGGCCCCCAGCGACCCCTGG-----GCT-----TGT-----
 570 580 590 600

980 990 1000 1010 1020 1030 1040
 inputs CCTGTCAGCACAGCCGGCCCCACAGTGGCCTCAGGAGAGAACGTGACCCCTGCTGTGTCAGTCATGGTGG
 ::::: ::::: ::::: :::
 GTCA-----CAGGAACCTCTGTGACC-----CCCAGC-----CGGT-----
 610 620 630

1050 1060 1070 1080 1090 1100 1110
 inputs CAGTTGACACTTCCTTCTGACCAAAGAACGGGGCAGCCCATCCCCACTGCGTCTGAGATCAATGTACG
 ::::: ::::: ::::: :::
 TACCAACAGAAC-----CA-----CCTTCC-----TCG-----
 640 650

1120 1130 1140 1150 1160 1170 1180
 inputs GAGCTCATAAAGTACCAAGGCTGAATTCCCCATGAGTCCGTGACCTCAGCCCACGCAGGGGACCTACAGGTG
 ::::: ::::: ::::: :::
 GT-----GCAGAATTCTC-----AGAACGCCAC-----CGCTGA-----ACTG-----A
 660 670 680 690

FIG. 3B



1190 1200 1210 1220 1230 1240 1250
 inputs CTACGGCTCATACAGCTCCAACCCCCACCTGCTGCTTCCCCAGTGAGCCCTGGAACTCATGGTCTCA
 C--CGTCTCATTCA---CAAAC-----AAAGTCTT--CACAA-----CTGAGACT---TCT--
 700 710 720 730

1260 1270 1280 1290 1300 1310 1320
 inputs GGACACTCTGGAGGCTCCAGCCTCCACAGGGCCGCCACACTGGTCTGGGAAGATACTGG
 -----AGGAGTATC--ACCACCAAGTCCAAAGGA--GTCAGACTCTCCAG--CTGG-----
 740 750 760 770

1330 1340 1350 1360 1370 1380 1390
 inputs AGGTTTGATTGGGGTCTCGGTGGCCTTCGTCCTGCTGCTTCCCTCCTCTCCTCCCTCCGACG
 -----TCCTGC-----CCGCCAGTA---CTACACCAAGG
 780 790 800

1400 1410 1420 1430 1440 1450 1460
 inputs TCAGCGTCACAGCAAACACAGGACATCTGACCAGAGAAAGACTGATTTCAAGCGTCTGCAGGGCTGCG
 GCAAC-----CTGGTC-----CGGATAT---GCCTC-----GGGGCTG--
 810 820 830

1470 1480 1490 1500 1510 1520 1530
 inputs GAGACAGAGCCCAAGGACAGGGGCCTGCTGAGGAGGTCCAGCCCAGCTGCTGACGTCAGGAAGAAAACC
 -----TGATCCTAATAA---TCCTG--GCGGGGTTCTG-----GCAGA--GGACTGG-----C
 840 850 860 870

1540 1550 1560 1570 1580 1590 1600
 inputs TCTATGCTGCCGTGAAGGACACACAGTCTGAGG-ACAGGGTGGAGCTGGACAGT-CAGAGCCCACACGAT
 AC-----AGCCG--GAGGAAGCGC--CTGCGGCACAGGG---GCAGGGCTGTGCAGAGGGCCGCT---
 880 890 900 910 920

1610 1620 1630 1640 1650 1660 1670
 inputs GAAGACCCCCAGGCAGTGACGTATGCCCGGTGAAACACTCCAGTCCTAGGAGAGAAATGGCCTCTCCTC
 -----TCC-----GCCCTG-----CCGC-----C
 930 940

1680 1690 1700 1710 1720 1730 1740
 inputs CCTCCTCACTGTCTGGGAATTCCCTGGACACAAAGGACAGACAGGTGGAAGAGGACAGGCAGATGGACAC
 CCTCC-CGCAAGAC-----CCGGAAATCA---CA--CGGG-----GGTCAGG--ATGGA--
 950 960 970 980

1750 1760 1770 1780 1790 1800 1810
 inputs TGAGGCTGCTGCATCTGAAGCCTCCCAGGATGTGACCTACGCCAGCTGACAGCTTGACCCCTAGACGG
 -----GGC-----CGAC-----AGGATGTT-----CACAGC-----CG--
 990 1000

1820 1830 1840 1850 1860 1870 1880
 inputs AAGGCAACTGAGCCTCCATCCCAGGAAGGGAACCTCCAGCTGAGCCAGCATCTACGCCACTCTGG
 -----CGGGTTATG-----TTCA-----
 1010

1890
 inputs CCATCCAC



inputs 10 20 30 40 50 60
 MSPSPTALFCGLCLG-RVPAQSGPLPKPSLQALPSSLVPLEKPVTLRCQGPPGVDLYRLEKLSSS----
 MTPALTALLCLGLSLGPRTRVQAGPFPKPTLWAEPGSVISWGSPVTIWCQGSLEAQEYRLDKEGSPEPLD
 10 20 30 40 50 60 70

inputs 70 80 90 100 110 120 130
 RYQ----DQAVLFIPAMKRSLAGRYRCYQNGSLWSLPSDQLELVATGVFAKPSLSAQPGPAVSSGGDV
 RNNPLEPKNKARFSIPSMTTEHHAGRYCHYSSAGWSEPSDPLELVMTGFYNKPTLSALPSPVVASGGNM
 80 90 100 110 120 130 140

inputs TLQCQT-----RY-----
 TLRCGSQKGYHHFVLMKEGEHQLPRTLDSQLHSGGFQALFPVGPVNPSHRWRFTCYYYYMTPQVWSHP
 150 160 170 180 190 200 210

inputs -----140 150
 GFDQFALYKEGDP-----
 SDPLEILPSGVSRKPSLLTQGPVLAPGQSLTLQCGSDVGYDRFVLYKEGERDFLQRPGQQPQAGLSQAN
 220 230 240 250 260 270 280

inputs -----APYK-----NP-----160
 ERW-----
 FTLGPVSPSHGGQYRCYGAHNLSEWSAPS DPLNILMAGQIYDTVSLAQPGPTVASGENVTLLCQSWWQ
 290 300 310 320 330 340 350

inputs -----170 180 190 200
 YRASFPIITVTAHSGTYRCYSFSSRDPYLSAPSDPLELVVTG
 FDTFLLTKEAAHPLRLRSMYGAHKYQAEFPMSPTSAHAGTYRCYGSYSSNPHLLSFPEPLELMVSG
 360 370 380 390 400 410 420

inputs 210 220 230 240 250 260
 TSVTPSLPTEPPSS--VAEFSEATAELTVSFTNKVF-----TTETSRSITTSPKESD--SPAGPA--
 HSGGSSLPPTPGPPSTPGLGRYLEVLIGVSVAFVLLLFLRLRRQRHSKHRTSDQRKTFQRPAGAAE
 430 440 450 460 470 480 490

inputs 270 280 290
 RQYYTKGNLVRICLGAVID-----IILAGFLAEDW-----HSRRKR-----
 TEPKDRGLLRRSSPAADVQEENLYAAVKDTQSEDREVLEDSQSPHDEDPPQAVTYAPVKHSSPRREMASPPS
 500 510 520 530 540 550 560

inputs 300 310 320 330
 LRHRGRAVQ--RPL-----PPLPPLPQTRK-----SHGGQDGGRQDVHSRLGC
 SLSGEFLDTKDRQVEEDRQMDTEAAASEASQDVTYAQLHSLTLRRKATEPPSQEGEPPAEPSTIYATLAI
 570 580 590 600 610 620 630

inputs S

H



Docket No.: 7853-178-999
Serial No.: 09/503,387
Inventor(s): BUSFIELD ET AL.
Title: "GLYCOPROTEIN VI AND USES THEREOF"

*.->GesvtLtCsvsgfgppgvsvtWfyfkngk.1gps11gysysrlesgek
+ vtL+C+ + v y + k ++ r++ +
hT268 41 EKPVTLRCQGP-----PGVDLY-RLEK1SSS-----RYQDQ-- 70

an1segrfsiss1tLtissvekeDsGtYtCvv<-*
++L i +++ +G Y+C
hT268 71 -----AVLFIPAMKRSLAGRYRCSY 90

FIG.5A

*.->GesvtLtCsvsgfgppgvsvtWfyfkngk.1gps11gysysrlesgek
G++vtL+C++ + ++ y k+g++ + y++
hT268 127 GGDVTLQCQTR--YGFDFQFALY-KEGDpAP-----YKNPERWYR-- 162

an1segrfsiss1tLtissvekeDsGtYtCvv<-*
++++i++v++ sGtY+C
hT268 163 -----ASFPIITVTAHSGTYRCYS 182

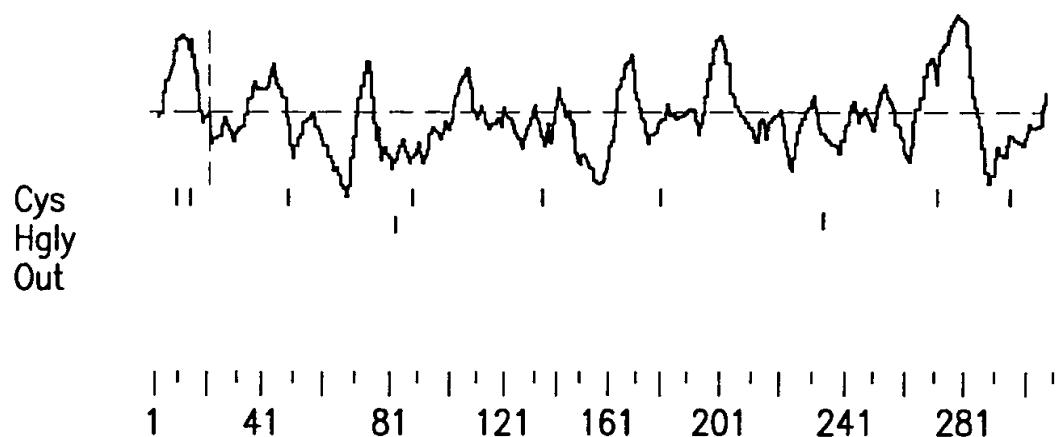
FIG.5B



	M	S	P	A	4
GAGTCGACCCACGCGTCCGCTTCCCTGCTGGCACATAGCTCAGGACTGGGTTGCAGAAC	ATG	TCT	CCA	GCC	74
S P T F F C I G L C V L Q V I Q T Q S G					24
TCA CCC ACT TTC TTC TGT ATT GGG CTG TGT GTA CTG CAA GTG ATC CAA ACA CAG AGT GGC					134
P L P K P S L Q A Q P S S L V P L G Q S					44
CCA CTC CCC AAG CCT TCC CTC CAG GCT CAG CCC AGT TCC CTG GTA CCC CTG GGT CAG TCA					194
V I L R C Q G P P D V D L Y R L E K L K					64
GTT ATT CTG AGG TGC CAG GGA CCT CCA GAT GTG GAT TTA TAT CGC CTG GAG AAA CTG AAA					254
P E K Y E D Q D F L F I P T M E R S N A					84
CCG GAG AAG TAT GAA GAT CAA GAC TTT CTC TTC ATT CCA ACC ATG GAA AGA AGT AAT GCT					314
G R Y R C S Y Q N G S H W S L P S D Q L					104
GGA CGG TAT CGA TGC TCT TAT CAG AAT GGG AGT CAC TGG TCT CTC CCA AGT GAC CAG CTT					374
E L I A T G V Y A K P S L S A H P S S A					124
GAG CTA ATT GCT ACA GGT GTG TAT GCT AAA CCC TCA CTC TCA GCT CAT CCC AGC TCA GCA					434
V P Q G R D V T L K C Q S P Y S F D E F					144
GTC CCT CAA GGC AGG GAT GTG ACT CTG AAG TGC CAG AGC CCA TAC AGT TTT GAT GAA TTC					494
V L Y K E G D T G P Y K R P E K W Y R A					164
GTT CTA TAC AAA GAA GGG GAT ACT GGG CCT TAT AAG AGA CCT GAG AAA TGG TAC CGG GCC					554
N F P I I T V T A A H S G T Y R C Y S F					184
AAT TTC CCC ATC ATC ACA GTG ACT GCT GCT CAC AGT GGG ACG TAC CGG TGT TAC AGC TTC					614
S S S S P Y L W S A P S D P L V L V V T					204
TCC AGC TCA TCT CCA TAC CTG TGG TCA GCC CCG AGT GAC CCT CTA GTG CTT GTG GTT ACT					674
G L S A T P S Q V P T E E S F P V T E S					224
GGA CTC TCT GCC ACT CCC AGC CAG GTA CCC ACG GAA GAA TCA TTT CCT GTG ACA GAA TCC					734
S R R P S I L P T N K I S T T E K P M N					244
TCC AGG AGA CCT TCC ATC TTA CCC ACA AAC AAA ATA TCT ACA ACT GAA AAG CCT ATG AAT					794
I T A S P E G L S P P I G F A H Q H Y A					264
ATC ACT GCC TCT CCA GAG GGG CTG AGC CCT CCA ATT GGT TTT GCT CAT CAG CAC TAT GCC					854
K G N L V R I C L G A T I I I I L L G L					284
AAG GGG AAT CTG GTC CGG ATA TGC CTT GGT GCC ACG ATT ATA ATA ATT TTG TTG GGG CTT					914
L A E D W H S R K K C L Q H R M R A L Q					304
CTA GCA GAG GAT TGG CAC AGT CGG AAG AAA TGC CTG CAA CAC AGG ATG AGA GCT TTG CAA					974
R P L P P L P L A *					314
AGG CCA CTA CCA CCC CTC CCA CTG GCC TAG					1004
AAATAACTGGCTTCAGCAGAGGGATTGACCAGACATCCATGCACAACCATGGACATCACCAGAGCCACAGACAT					1083
GGACATACTCAAGAGTGGGGAGGTTATATAAAAAAAATGAGTGTGGAGAATAATGCAGAGCCAACAAGGTGAAAAAAA					1162
A					1163



Docket No.: 7853-178-999
Serial No.: 09/503,387
Inventor(s): BUSFIELD ET AL.
Title: "GLYCOPROTEIN VI AND USES THEREOF"



MSPASPTFFCIGLCVLQVIQTQSGPLPKPSLQAQPSSLVPLGQSVILRCQGPPDVLDYRL
EKLKPEKYEDQDFLF IPTMERSNAGRYRCSYQNGSHWSLPSDQLELIATGVYAKPSLSAH
PSSAVPQGRDVTLKCQSPYSFDEFVLYKEGDTGPYKRPEKWRANFPIITVTAHSGTYR
CYSFSSSSPYLWSAPSDPLVLWTGLSATPSQVPTEESFPTESSRRPSILPTNKISTTE
KPMNITASPEGLSPPIGFAHQHYAKGNLVRICLGATIIIIILGLLAEDWHSRKKCLQHRM
RALQRPLPPLPLA

FIG.7



Docket No.: 7853-178-999
Serial No.: 09/503,387
Inventor(s): BUSFIELD ET AL.
Title: "GLYCOPROTEIN VI AND USES THEREOF"

FIG. 8A



Docket No.: 7853-178-999
Serial No.: 09/503,387
Inventor(s): BUSFIELD ET AL.
Title: "GLYCOPROTEIN VI AND USES THEREOF"

FIG. 8B



1120 1130 1140 1150 1160 1170 1180
 inputs GCTCATAAGTACCAGGCTGAATTCCCCATGAGTCCTGTGACCTCAGCCCACGCCGGGGACCTACAGGTGCT
 : : : : : : :
 G- - AAATGGTACCGGGCCAATTCATCATCACAGTGACTGCTGCTCACAGTGGGACGTACCGGTGTT
 480 490 500 510 520 530 540

1190 1200 1210 1220 1230 1240 1250
 inputs ACGGCTCATACAGCTCCAACCCCCACCTGCTGTCTTCCCCAGTGAGCCCTGGAACCTCATGGTCTCAGG
 : : : : : : :
 ACAGCTCTCCAGCTCATCTCCATACCTGTGGTCAGCCCCGAGTGACCCCTAGTGCTTGTTACTGG
 550 560 570 580 590 600 610

1260 1270 1280 1290 1300 1310 1320
 inputs ACACCTGGAGGCTCCAGCCTCCCACCCACAGGGCCGCCCTCCACACCTGGTCTGGGAAGATACTGGAG
 : : : : : : :
 ACTCTCTG- - - CCA- - CTCCCAGCC- - AGGT- - ACCCAC- - - GGA- AGAATCATTCTG- - -
 620 630 640 650 660

1330 1340 1350 1360 1370 1380 1390
 inputs GTTTGATTGGGGTCTCGGTGGCTTCGTCCTGCTGCTCTCCCTCCCTCTCCCTCCGACGTC
 : : : : : : :
 - - - TGA- - - CAGAACCT- - - CCAGGAGACCTTCA- - - TCTTAC- - - CCACAAACAAA
 670 680 690 700

1400 1410 1420 1430 1440 1450 1460
 inputs AGCGTCACAGCAAACACAGGACATCTGACCAGAGAAAGACTGATTCAGCGTCCTGCAGGGGCTGCGGA
 : : : : : : :
 A- - - TATCTACAA- - - CTGAA- - - AAGCCTATGAATATC- - ACTGCCT- C- TCCAG- AGGGGCTG- - -
 710 720 730 740 750

1470 1480 1490 1500 1510 1520 1530
 inputs GACAGAGCCCAGGGACAGGGCCTGCTGAGGAGGTCCAGCCCAGCTGCTGACGTCCAGGAAGAAAACCTC
 : : : : : : :
 - - - AGCCCT- - - CC- - - AATTGGTTTGCTCATCAGCA- - - - - - - - - C
 760 770 780

1540 1550 1560 1570 1580 1590 1600
 inputs TATGCTGCCGTGAAGGACACACAGTCTGAGGACAGGGTGGAGCTGGACAGTCAGAGCCCACACGATGAAG
 : : : : : : :
 TATGC- - - - - CAAGGGGAATCTGGTC- - - - - CGGATATG
 790 800 810

1610 1620 1630 1640 1650 1660 1670
 inputs ACCCCCAGGCAGTGACGTATGCCCGGTGAAACACTCCAGTCCTAGGAGAGAAATGCCCTCCTCCCTC
 : : : : : : :
 - - - CCTTGG- - - - - TGCCACGAT- - - - - TATAATAATTTGT- - - - -
 820 830 840

1680 1690 1700 1710 1720 1730 1740
 inputs CTCACTGTCTGGGGATTCTGGACACAAAGGACAGACAGGTGGAGAGGGACAGGCAGATGGACACTGAG
 : : : : : : :
 - - - TGGGGCTT- - - CTAG- - - CAGAGGATTGGC- - - - - ACAGTCGGAAGAA- - - AT
 850 860 870 880

FIG.8C



Docket No.: 7853-178-999
Serial No.: 09/503,387
Inventor(s): BUSFIELD ET AL.
Title: "GLYCOPROTEIN VI AND USES THEREOF"

1750 1760 1770 1780 1790 1800 1810
inputs GCTGCTGCATCTGAAGCCTCCCAGGATGTGACCTACGCCAGCTGCACAGCTTGACCCCTAGACGGAAGG
 :: : ::::::: . ::::::: :::: :
 GC - - CTGCAACA - - - - - CAGGATGAGA - - - - - GCTTTGC - - - - - AAAGG
 890 900 910

1820 1830 1840 1850 1860 1870 1880
inputs CAACTGAGCCTCCTCCATCCCAGGAAGGGGAACCTCCAGCTGAGCCCAGCATCTACGCCACTCTGGCCAT
 : : : . : : : . : : :
 CCACTA - - - CCACC - - - - - CCTCC - - - - - CACTGGCC - -
 920 930

1890
inputs CCAC

FIG. 8D



Docket No.: 7853-178-999
Serial No.: 09/503,387
Inventor(s): BUSFIELD, ET AL.
Title: "GLYCOPROTEIN VI AND USES THEREOF"

inputs A

4

FIG. 9

*->GesvtLtCsvsgfgppgvsvtWyfkngk.1gps11gysysrlesgek
G+sv L+C+ ++v y + k ++ +++e +
mT268 42 GQSVILRCQGP-----PDVDLY-RLEK1KP-----EKYEDQ-- 71

anlsegrfsissltLtissvekeDsGtYtCvv<-*
L i + e++++G Y+C
mT268 72 -----DFLF IPTMERSNAGRYRCSY 91

FIG. 10A

*->GesvtLtCsvsgfgppgvsvtWyfkngk.1gps11gysysrlesgek
G +vtL C++ ++ y k+g++ + Y+r+e +
mT268 128 GRDVTLKCQSP---YSFDEFVLY-KEGDtGP-----YKRPEKW-Y 162

anlsegrfsissltLtissvekeDsGtYtCvv<-*
+ ++i++v++ sGtY+C
mT268 163 RA-----NFPIITVTAHSGTYRCYS 183

FIG. 10B



Docket No.: 7853-178-999
Serial No.: 09/503,387
Inventor(s): BUSFIELD ET AL.
Title: "GLYCOPROTEIN VI AND USES THEREOF"

	10	20	30	40	50	60	
inputs	MSPSPTALFCLGLCLGRV-PAQSGPLPKPSLQALPSSLVPLEKPVTLRCQGPPGVDLYRLEKLSSSRYQD						
	10	20	30	40	50	60	
	MSPASPTFFCIGLCVLQVIQDQSGPLPKPSLQAPSSLVPLGQSVILRCQGPPDVLDYRLEKLKPEKYED						
	10	20	30	40	50	60	70
70	80	90	100	110	120	130	
inputs	QAVLFIPAMKRSLAGRYRCSYQNGSLWSLPSDQLELVATGVFAKPSLSAQPGPAVSSGGDVTLCQCQTRYG						
	10	20	30	40	50	60	70
	QDQLFIPTMERSNAGRYRCSYQNGSHWSLPSDQLELIATGVYAKPSLSAHPSSAVPQGRDVTLKCQSPYS						
	80	90	100	110	120	130	140
140	150	160	170	180	190	200	
inputs	FDQFALYKEGDPAPYKNPERWYRASFPIITVTAAMSGTYRCYSFSSRDPYLWSAPSDPLELVVTGTSVTP						
	10	20	30	40	50	60	70
	FDEFVLYKEGDTGPYKRPEKWYRANFPIITVTAHSGTYRCYSFSSSPYLWSAPSDPLVLVVTGLSATP						
	150	160	170	180	190	200	210
210	220	230	240	250	260	270	↓
inputs	SRLPTEPPSSVAEFSEATAELTVSFTNKVFTTETRSITTPKESDSPAGPARQYYTKGNLVRICLGAVI						
	10	20	30	40	50	60	70
	SQVPTEESFPVTESSRRPSILP---TNKISTTEKPMNITASPEGLSPPIGFAHQHYAKGNLVRICLGATI						
	220	230	240	250	260	270	
	280	290	300	310	320	330	
inputs	LIILAGFLAEDWHSRRKRLRHRGRAVQRPLPPLPPLPQTRKSHGGQDGGRQDVHSRGLCS						
	10	20	30	40	50	60	70
	IIILLGLLAEDWHSRKCLQHMRALQRPLPPLP-LA-----						
	280	290	300	310			

FIG.11